

CLAIMS

I claim:

1. A stand alone scanner comprising:

a USB host controller;

5 the USB host controller including a USB host port adapted to permit said scanner to communicate with a peripheral USB device connected to said scanner at said USB host port, without the need of a host CPU connected to said scanner; and

the USB host port adapted to permit said scanner to send data signal representative of scanned images to said peripheral USB device.

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2. The stand alone scanner of claim 1 wherein said USB host controller is a CY7C67300 controller manufactured by Cypress Semiconductor Corporation.

3. The stand alone scanner of claim 1 wherein said peripheral USB device is a
15 printer.

4. The stand alone scanner of claim 1 wherein said peripheral USB device is a memory card reader.

20 5. The stand alone scanner of claim 1 wherein said peripheral USB device is a USB network interface.

6. The stand alone scanner of claim 1 wherein said peripheral USB device is a USB media storage device.

7. A USB host, comprising:

5 a housing;

an USB host controller external to a scanner, positioned within said housing, and adapted to communicate with the scanner;

a first USB host port adapted to communicate with a USB device port of the scanner;

a second USB host port adapted to communicate with a USB peripheral device, whereby

10 said external USB host enables said USB peripheral device to communicate with said scanner.

8. The external USB host of claim 7, further comprising:

a external power supply connected to said external USB host.

15 9. The external USB host of claim 7, wherein said second USB host port is adapted to communicate with more than one USB peripherals.

10. The external USB host of claim 7, wherein said USB host controller a CY7C67300 controller.